



Surveillance

by Willie Klaja

Gemology Online Faceting Design Competition 2013

Minimalist Entry 2

Angles for R.I. = 1.540

41 + 5 girdles = 46 facets

5-fold, mirror-image symmetry

80 index

$L/W = 1.051$ $T/W = 0.499$ $U/W = 0.474$

$P/W = 0.463$ $C/W = 0.143$

$Vol./W^3 = 0.197$

PAVILION

P1 43.20° 02-14-18-30-34-46-50-62-66-78 Cut to centerpoint.

G1 90.00° 80-16-32-48-64 Set stone size.

P2 51.18° 80-16-32-48-64 Level girdle.

CROWN

C1 38.86° 80-16-32-48-64 Set girdle width.

C2 30.00° 02-14-18-30-34-46-50-62-66-78 Meet G1, C1

C3 24.67° 08-24-40-56-72 Meet G1, C1, C2

C4 25.68° 80-16-32-48-64 Meet C1, C2

T 0.00° Table Meet C2, C3, C4

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